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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/743,688

12/15/2003

Shawn A. Ruden

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8139

7590

01/05/2010

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EXAMINER

TUGBANG, ANTHONY D

ART UNIT

PAPER NUMBER

3729

MAIL DATE

DELIVERY MODE

01/05/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/743,688	Applicant(s) RUDEN ET AL.	
	Examiner A. Dexter Tugbang	Art Unit 3729	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 September 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 19 and 21-43 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 19 and 21-43 is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

The applicant(s) amendment (filed on September 11, 2009) has been fully considered and made of record.

Election/Restrictions

The restriction requirement (of June 8, 2007) between Groups I through V has been withdrawn. As a result of the amendment (filed on September 11, 2009), Claims 19 and 30 are now allowable. Since Claims 19 and 30 are linking claims, Claims 24, 25, 28, 29, 34, 35, and 37 through 41, have been rejoined with linking Claims 19 and 30.

Allowable Subject Matter

Claims 19 and 21 through 43 are allowed.

Claim Objections

Claims 19 and 30 are objected to because of the following informalities: the language is awkwardly worded and to maintain consistency of terms throughout the claims, the following suggestions are made. These suggested changes do not affect the scope of the claimed invention.

19. A method comprising:

providing a hub with a central axis, the hub supporting a disc member having an annular track with a center of rotation offset from the central axis; and

imparting a bias force on the disc member to align the center of rotation of the track with the central axis of the hub by contactingly engaging the disc member with a flexible cantilevered finger of a biasing tool to bring an innermost surface of a central mounting aperture of the disc into contact with an outer cylindrical surface of the hub, wherein the ~~[track]~~ center of rotation of the track is axially aligned with the central axis of the hub during said contact of the innermost surface of the central mounting aperture of the disc with the outer cylindrical surface of the hub, thereby forming a common rotational axis for the central axis of the hub and the center of rotation of the track.

30. A method comprising:

providing a disc member with an annular track having a track center offset from a center of the disc member; and

contactingly engaging a distal end of a cantilevered finger of a biasing tool against the disc member to impart a bias force which aligns the track center with a central axis of a rotatable hub by bringing an innermost surface of a central mounting aperture of the disc into contact with an outer cylindrical surface of the rotatable hub, wherein the track center is axially aligned with the central axis of the rotatable hub during said contact of the innermost surface of the central mounting aperture of the disc with the outer cylindrical surface of the hub, thereby forming a common rotational axis for the central axis of the rotatable hub and the ~~[center of rotation of]~~ the track center.

NOTE: The examiner request the applicant(s) carefully review the dependent claims to maintain the very same consistency with the terms and amend accordingly.

Appropriate correction is required.

Conclusion

This application is in condition for allowance except for the following formal matters: to correct the claim language as noted above.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 25 USPQ 74, 453 O.G. 213, (Comm'r Pat. 1935).

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to A. Dexter Tugbang whose telephone number is 571-272-4570. The examiner can normally be reached on Monday - Friday 8:15 am - 4:45 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Derris Banks can be reached on 571-272-4419. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3729

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

**/A. Dexter Tugbang/
Primary Examiner
Art Unit 3729**

January 4, 2010